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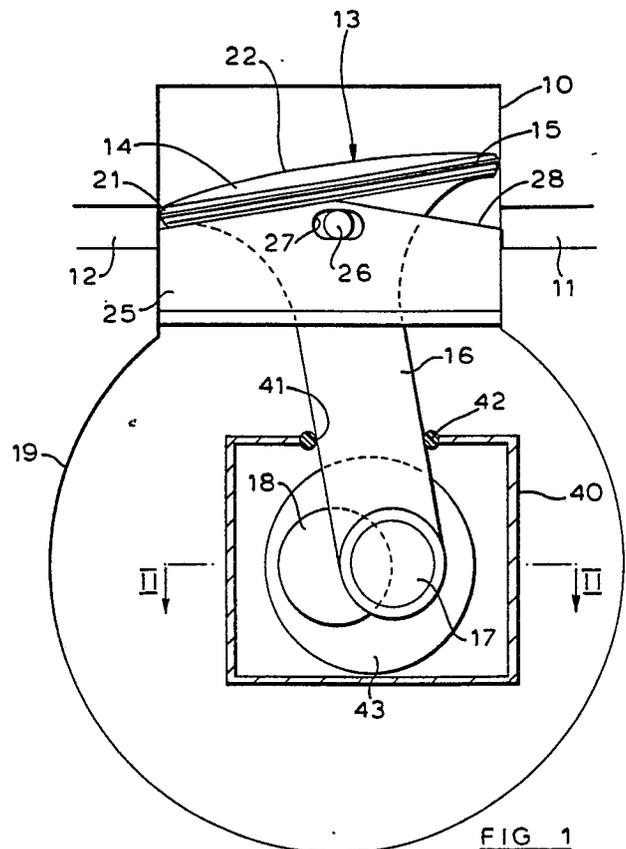
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**Two stroke engines.**

A two stroke engine has a closed plane cylinder (10) with an inlet port (11) and outlet port (12) disposed on opposite sides of the cylinder (10) towards the open end thereof. A piston (13) is slidingly sealed in the cylinder (10) the piston having a head portion (14) which is slidingly sealed with the wall of the cylinder (10) and a connecting rod portion (16) which extends axially from the head portion (14). The end of the connecting rod portion (16) remote from the head portion (14) is connected to a crank (17) on crankshaft (18), the ports (11, 12) being disposed one on each side of the vertical axial plane of crankshaft (18) so that; upon downward movement the piston (13) will tilt, opening the exhaust port (12) before the inlet port (11) and; upon upward movement the piston (13) will tilt closing the exhaust port (12) before the inlet port (11), the throw of the crank (17) producing a maximum piston tilt of up to 10°. A multi-cylinder engine may comprise a plurality of piston (13)/cylinder (10) assemblies described above, disposed radially of one another about a common crankshaft (18).



**EP 0 349 179 A3**



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
Y	CH-A-629286 (SALZMANN) * the whole document *	1	F02B75/32 F02B75/02
A	----	2, 3, 4, 5	
Y	US-A-4638770 (FOX) * the whole document *	1	
A	EP-A-82942 (BURGSMUELLER) * page 8, line 1 - page 9, line 34; figure 1 *	1, 2, 7, 8	
			<b>TECHNICAL FIELDS SEARCHED (Int. Cl.5)</b>
			F02B F01B F16J
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>31 JANUARY 1990</b>	Examiner <b>WASSENAAR G.</b>
<b>CATEGORY OF CITED DOCUMENTS</b>		<b>T</b> : theory or principle underlying the invention <b>E</b> : earlier patent document, but published on, or after the filing date <b>D</b> : document cited in the application <b>L</b> : document cited for other reasons ..... <b>&amp;</b> : member of the same patent family, corresponding document	
<b>X</b> : particularly relevant if taken alone <b>Y</b> : particularly relevant if combined with another document of the same category <b>A</b> : technological background <b>O</b> : non-written disclosure <b>P</b> : intermediate document			